(b) The Ministry of Rural Development has been made the Nodal Ministry for processing the recommendations of the Report of the Planning Commission on Development of Bio-fuel.

(c) National Hydrogen Energy Board consisting of Secretaries of various concerned Ministries, high level representatives of industry and their associations, academia and other experts reviews different aspects of hydrogen energy including its production, storage, transportation, delivery and applications for transportation and power generation through a consultative process with the objective of providing guidelines in the preparation and implementation of the National Hydrogen Energy Road Map.

Generation of power by NES

868. SHRI THANGA TAMIL SELVAN: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the quantum of power generated through non-conventional energy sources in the country, State-wise, giving each source separately;

(b) whether the target of power generation through non-conventional energy sources was achieved in the Ninth Plan period; and

(c) the steps taken to achieve the target set in the Tenth Plan?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) Details of grid interactive renewable power capacity installed as on 31.12.2004, State-wise and source-wise, are given in the Statement (*See* below).

(b) Around 1340 MW of grid interactive renewable power capacity was installed against the target of 1528 MW set for the 9th Plan period.

(c) Around 1980 MW grid interactive renewable power capacity has been installed as on 31-12-2004 against the target of 3075MW set for the 10th Plan period. During the first two years of the 10th Plan, 10 and 2 percentage points of grid interactive power installed capacity has come from wind and small hydro power respectively, apart from 3 percentage points from bio-energy thereby making it a total of 15 percentage points of grid interactive renewable power installed capacity. Financial incentives apart from fiscal incentives such as accelerated depreciation, relief in taxes and duties and term loans from financial institutions are being provided. In addition, preferential tariff to grid interactive renewable power is available in several potential States.

Statement

Details of grid interactive renewable power capacity installed, State-wise and source-wise, as on 31.12.2004.

Sl. No.	STATES/UT	Small Hydro Power (MW)	Wind Power (MW)	Biomass Power (MW)	Solar Power (kWp)	Urban & Industrial Waste (MW)	Biomass Gasifier (MW)
1.	Andhra Pradesh	178.81	101.30	245.25	175.00	22.1	15.38
2.	Arunachal Pradesh	32.50	0.00	0.00	0.00	0.00	0.18
3.	Assam	2.11	0.00	0.00	0.00	0.00	0.12
4.	Bihar	45.90	0.00	0.00	0.00	0.00	0.02
5.	Chhattisgarh	13.50	0.00	11.00	0.00	0.00	0.51
6.	Goa	0.05	0.00	0.00	0.00	0.00	0.02
7.	Gujarat	7.00	219.93	0.50	0.00	2.95	13.32
8.	Haryana	62.70	0.00	6.00	0.00	0.00	1.06
9.	Himachal Pradesh	108.04	0.00	0.00	0.00	0.00	0.01
10.	Jammu & Kashmir	102.24	0.00	0.00	0.00	0.00	0.12
11.	Jharkhand	4.05	0.00	0.00	0.00	0.00	0.08
12.	Karnataka	268.83	276.00	151.98	30.00	0.00	4.50
13.	Kerala	84.62	2.00	0.00	25.00	1.00	0.73
14.	Madhya Pradesh	41.16	27.60	1.00	339.00	2.28	4.73
15.	Maharashtra	207.08	411.25	36.00	185.00	1.90	3.82
16.	Manipur	5.45	0.00	0.00	0.00	0.00	0.00
17.	Meghalaya	30.71	0.00	0.00	0.00	0.00	0.00
18.	Mizoram	14.76	0.00	0.00	0.00	0.00	0.20
19.	Nagaland	20.47	0.00	0.00	0.00	0.00	0.00
20.	Orissa	7.30	0.00	0.00	0.00	0.03	0.07
21.	Punjab	111.40	0.00	22.00	325.00	1.75	0.70
22.	Rajasthan	23.85	263.16	7.80	150.00	0.00	0.22
23.	Sikkim	35.60	0.00	0.00	0.00	0.00	0.00
24.	Tamil Nadu	77.70	1677.36	173.00	211.00	1.98	3.87
25.	Tripura	16.01	0.00	0.00	0.00	0.00	1.00
26.	Uttar Pradesh	21.50	0.00	73.00	350.00	8.00	4.47
27.	Uttaranchal	72.45	0.00	0.00	50.00	0.00	0.00
28.	West Bengal	92.26	1.10	0.00	50.00	0.00	6.43
29.	Andaman & Nicobar	5.25	0.00	0.00	100.00	0.00	0.17
30.	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00
31.	Dadra & Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00
32.	Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00
33.	Delhi	0.00	0.00	0.00	0.00	0.00	0.07
34.	Lakshadweep	0.00	0.00	0.00	650.00	0.00	0.00
35.	Pondicherry	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1693.30**	**2979.70**	**727.53**	**2640.00**	**41.98**	**81.80**

MW-Megawatt, kWp-Kilowatt peak.